```
(FILE 'USPAT' ENTERED AT 08:21:56 ON 23 APR 1999)
L1          105 S AUTHOR? PROGRAM
L2           22 S L1 AND SERVER
L3            2 S L2 AND DOCUMENT CREAT?
L4            2 S L3 AND TRANSLATE?
L5            2 S L4 AND FORMAT
L6            2 S L5 AND CLIENT
L7            1 S L6 AND DOWNLOAD
L8            0 S L7 AND UPLOAD
L9            1 S L3 AND DOWNLOAD
L10           0 S L9 AND UPLOAD
L11           1 S L9 AND PRINT
L12           0 S L6 AND PRINTER
L13           0 S L11 AND PRINTER
L14           0 S L9 AND PRINTER
L15           1 S L9 AND PRINT?
L16        9578 S SERVER
L17        3497 S L16 AND CLIENT
L18         920 S L17 AND PRINTER
L19         270 S L18 AND INTERNET
L20           0 S L19 AND INTERANET
L21          33 S L19 AND INTRANET
L22           1 S L21 AND EXTRANET
L23        3234 S INTERNET
L24         162 S L23 AND INTRANET
L25           8 S L24 AND EXTRANET
L26           8 S L25 AND SERVER
L27           7 S L26 AND CLIENT
L28           1 S L27 AND PRINTER
L29        9578 S SERVER
L30        1902 S L29 AND INTERNET
L31         136 S L30 AND INTRANET
L32           8 S L31 AND EXTRANET
L33           0 S L32 AND WORLD WIDE (W) WEB SERVER
L34           7 S L32 AND WORLD WIDE (W) WEB
L35           7 S L34 AND SERVER

=> d 135 1-7
```

1. 5,884,035, Mar. 16, 1999, Dynamic distributed group registry
apparatus and method for collaboration and selective sharing of
information; Ronald A. Butman, et al., 345/331; 707/10 [IMAGE AVAILABLE]

2. 5,877,766, Mar. 2, 1999, Multi-node user interface component and
method thereof for use in accessing a plurality of linked records; Cary
Lee Bates, et al., 345/357, 356, 973 [IMAGE AVAILABLE]

3. 5,870,562, Feb. 9, 1999, Universal domain routing and publication
control system; Ronald A. Butman, et al., 709/238 [IMAGE AVAILABLE]

4. 5,867,667, Feb. 2, 1999, Publication network control system using
domain and client side communications resource locator lists for managing

information communications between the domain **server** publication
servers; Ronald A. Butman, et al., 709/249 [IMAGE AVAILABLE]

5. 5,867,665, Feb. 2, 1999, Domain communications **server**; Ronald A.
Butman, et al., 709/239 [IMAGE AVAILABLE]

6. 5,864,604, Jan. 26, 1999, Method of providing message service for
limited access telecommunications; Arthur J. Moen, et al., 379/112, 114;
395/200.47; 705/26 [IMAGE AVAILABLE]

7. 5,860,068, Jan. 12, 1999, Method and system for custom manufacture
and delivery of a data product; David Philip Cook, 705/26; 395/200.47
[IMAGE AVAILABLE]

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        (FILE 'USPAT' ENTERED AT 08:21:56 ON 23 APR 1999)
L1          105 S AUTHOR? PROGRAM
L2           22 S L1 AND SERVER
L3            2 S L2 AND DOCUMENT CREAT?
L4            2 S L3 AND TRANSLATE?
L5            2 S L4 AND FORMAT
L6            2 S L5 AND CLIENT
L7            1 S L6 AND DOWNLOAD
L8            0 S L7 AND UPLOAD
L9            1 S L3 AND DOWNLOAD
L10           0 S L9 AND UPLOAD
L11           1 S L9 AND PRINT

=> d 16 1-2
```

1. 5,880,740, Mar. 9, 1999, System for manipulating graphical composite
image composed of elements selected by user from sequentially displayed
members of stored image sets; Mark David Halliday, et al., 345/435 [IMAGE
AVAILABLE]

2. 5,793,966, Aug. 11, 1998, Computer system and computer-implemented
process for creation and maintenance of online services; Peter R.
Amstein, et al., 395/200.33; 709/218 [IMAGE AVAILABLE]

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=> d l11
```

1. 5,880,740, Mar. 9, 1999, System for manipulating graphical composite
image composed of elements selected by user from sequentially displayed
members of stored image sets; Mark David Halliday, et al., 345/435 [IMAGE
AVAILABLE]

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        (FILE 'USPAT' ENTERED AT 08:21:56 ON 23 APR 1999)
L1         105 S AUTHOR? PROGRAM
L2          22 S L1 AND SERVER
L3           2 S L2 AND DOCUMENT CREAT?
L4           2 S L3 AND TRANSLATE?
L5           2 S L4 AND FORMAT
L6           2 S L5 AND CLIENT
L7           1 S L6 AND DOWNLOAD
L8           0 S L7 AND UPLOAD
L9           1 S L3 AND DOWNLOAD
L10          0 S L9 AND UPLOAD
L11          1 S L9 AND PRINT
L12          0 S L6 AND PRINTER
L13          0 S L11 AND PRINTER
L14          0 S L9 AND PRINTER
L15          1 S L9 AND PRINT?
L16       9578 S SERVER
L17       3497 S L16 AND CLIENT
L18        920 S L17 AND PRINTER
L19        270 S L18 AND INTERNET
L20          0 S L19 AND INTERANET
L21         33 S L19 AND INTRANET
L22          1 S L21 AND EXTRANET

=> d 121 1-33
```

1. 5,893,118, Apr. 6, 1999, Method for managing globally distributed
software components; Kelly E. Sonderegger, 707/203, 200, 204 [IMAGE
AVAILABLE]

2. 5,892,928, Apr. 6, 1999, Method for the hot add of a network adapter
on a system including a dynamically loaded adapter driver; Walter A.
Wallach, et al., 710/103 [IMAGE AVAILABLE]

3. 5,892,909, Apr. 6, 1999, **Intranet**-based system with methods for
co-active delivery of information to multiple users; Charles A. Grasso,
et al., 709/201 [IMAGE AVAILABLE]

4. 5,889,965, Mar. 30, 1999, Method for the hot swap of a network
adapter on a system including a dynamically loaded adapter driver; Walter
A. Wallach, et al., 710/103 [IMAGE AVAILABLE]

5. 5,884,302, Mar. 16, 1999, System and method to answer a question; Chi
Fai Ho, 707/3; 704/2, 3, 9 [IMAGE AVAILABLE]

6. 5,880,724, Mar. 9, 1999, Mobile **client** computer programmed for
importation of data into title display; Randal Lee Bertram, et al.,
345/339 [IMAGE AVAILABLE]

7. 5,878,415, Mar. 2, 1999, Controlling access to objects in a
hierarchical database; Dale R. Olds, 707/9, 10, 100, 103; 711/100, 154,

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      (FILE 'USPAT' ENTERED AT 08:21:56 ON 23 APR 1999)
L1         105 S AUTHOR? PROGRAM
L2          22 S L1 AND SERVER
L3           2 S L2 AND DOCUMENT CREAT?
L4           2 S L3 AND TRANSLATE?
L5           2 S L4 AND FORMAT
L6           2 S L5 AND CLIENT
L7           1 S L6 AND DOWNLOAD
L8           0 S L7 AND UPLOAD
L9           1 S L3 AND DOWNLOAD
L10          0 S L9 AND UPLOAD
L11          1 S L9 AND PRINT
L12          0 S L6 AND PRINTER
L13          0 S L11 AND PRINTER
L14          0 S L9 AND PRINTER
L15          1 S L9 AND PRINT?
L16       9578 S SERVER
L17       3497 S L16 AND CLIENT
L18        920 S L17 AND PRINTER
L19        270 S L18 AND INTERNET
L20          0 S L19 AND INTERANET
L21         33 S L19 AND INTRANET
L22          1 S L21 AND EXTRANET
L23       3234 S INTERNET
L24        162 S L23 AND INTRANET
L25          8 S L24 AND EXTRANET
L26          8 S L25 AND SERVER
L27          7 S L26 AND CLIENT
L28          1 S L27 AND PRINTER
L29       9578 S SERVER
L30       1902 S L29 AND INTERNET
L31        136 S L30 AND INTRANET
L32          8 S L31 AND EXTRANET
L33          0 S L32 AND WORLD WIDE (W) WEB SERVER
L34          7 S L32 AND WORLD WIDE (W) WEB
L35          7 S L34 AND SERVER
L36          0 S L35 AND WORLD WIDE (W) WEB BROWSER
L37          7 S L35 AND WORLD WIDE (W) WEB
L38          7 S L37 AND BROWSER
L39          7 S L38 AND NETSCAPE
L40          1 S L39 AND MICROSOFT INTERNET EXPLORER
L41     125267 S PROCESSOR
L42       1554 S COMPUTER READABLE MEDIUM
L43        514 S L42 AND SERVER
L44       4209 S DOWNLOAD
L45         64 S L43 AND DOWNLOAD
L46          0 S L45 AND AUTHOR? PROGRAM
L47        105 S AUTHOR? PROGRAM
L48          7 S L47 AND DOWNLOAD
L49          5 S L48 AND SERVER
L50          5 S L49 AND PROCESSOR
L51          5 S L50 AND COMPUTER
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L52    403433 S ●    AND READABLE MEDIUM OR MEDIUM●
L53         0 S ●    AND COMPUTER READABLE MEDIUM
L54     22847 S L52 AND PRINTER
L55        45 S L54 AND DOCUMENT CREATION
L56        36 S L55 AND FORMAT
L57        36 S L56 AND PRINTER
L58        11 S L57 AND TRANSLATION
L59       163 S DOCUMENT CREATION
L60         0 S L59 AND AUTHOR? PROGRAM
L61       105 S AUTHOR? PROGRAM
L62         0 S L61 AND DOCUMENT CREATION
L63        84 S L61 AND PROCESSOR
L64         0 S L63 AND COMPUTER READABLE MEDIUM
L65       102 S L59 AND PROCESSOR
L66         0 S L65 AND COMPUTER READABLE MEDIUM
L67       577 S CLIENT COMPUTER
L68       353 S L67 AND PROCESSOR
L69        67 S L68 AND COMPUTER READABLE MEDIUM
L70        66 S L69 AND SERVER
L71        13 S L70 AND DOWNLOAD
L72         7 S L71 AND CREATE
L73         6 S L72 AND DOCUMENT
L74         3 S L73 AND TRANSLATE
L75         3 S L74 AND FORMAT
L76         2 S L75 AND PRINTER

=> d 176 1-2
```

1. 5,867,495, Feb. 2, 1999, System, method and article of manufacture for communications utilizing calling, plans in a hybrid network; Isaac K. Elliott, et al., 370/352, 389, 392; 379/90.01, 93.07, 114, 144 [IMAGE AVAILABLE]

2. 5,867,494, Feb. 2, 1999, System, method and article of manufacture with integrated video conferencing billing in a communication system architecture; Sridhar Krishnaswamy, et al., 370/352, 389, 392; 379/90.01, 93.07, 114 [IMAGE AVAILABLE]

```
=> s document creation

        57359 DOCUMENT
        48972 CREATION
L77       163 DOCUMENT CREATION
                (DOCUMENT(W)CREATION)

=> s 177 and printer format

        71269 PRINTER
        90646 FORMAT
           71 PRINTER FORMAT
                (PRINTER(W)FORMAT)
L78         1 L77 AND PRINTER FORMAT

=> d 178


1.  5,787,449, Jul. 28, 1998, Method and system for manipulating the
architecture and the content of a document separately from each other;
Michel J. M. G. Vulpe, et al., 707/513 [IMAGE AVAILABLE]
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FILE 'USPAT' ENTERED AT 16:24:49 ON 23 APR 1999

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* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*              W E L C O M E   T O   T H E                    *
*         U. S.   P A T E N T   T E X T   F I L E             *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
```

=> d acc 5796952 5751590 5793966 5877766 5508718 5819271 5870089 5880740
5884014 5845302

1. 5,796,952, Aug. 18, 1998, Method and apparatus for tracking client
interaction with a network resource and creating client profiles and
resource database; Owen Davis, et al., 395/200.54 [IMAGE AVAILABLE]

2. 5,751,590, May 12, 1998, System for printing social expression cards;
Thomas G. Cannon, et al., 364/479.03, 479.05 [IMAGE AVAILABLE]

3. 5,793,966, Aug. 11, 1998, Computer system and computer-implemented
process for creation and maintenance of online services; Peter R.
Amstein, et al., 395/200.33; 709/218 [IMAGE AVAILABLE]

4. 5,877,766, Mar. 2, 1999, Multi-node user interface component and
method thereof for use in accessing a plurality of linked records; Cary
Lee Bates, et al., 345/357, 356, 973 [IMAGE AVAILABLE]

5. 5,508,718, Apr. 16, 1996, Objective-based color selection system;
John S. Haikin, 345/150, 153, 155, 431 [IMAGE AVAILABLE]

6. 5,819,271, Oct. 6, 1998, Corporate information communication and
delivery system and method including entitlable hypertext links; John J.
Mahoney, et al., 707/9, 10, 104 [IMAGE AVAILABLE]

7. 5,870,089, Feb. 9, 1999, Apparatus and process for distributing
information using an electronic package representation; Robert Fabbio, et
al., 345/335 [IMAGE AVAILABLE]

8. 5,880,740, Mar. 9, 1999, System for manipulating graphical composite
image composed of elements selected by user from sequentially displayed
members of stored image sets; Mark David Halliday, et al., 345/435 [IMAGE
AVAILABLE]

9. 5,884,014, Mar. 16, 1999, Fontless structured document image
representations for efficient rendering; Daniel P. Huttenlocher, et al.,
395/114, 102 [IMAGE AVAILABLE]

10. 5,845,302, Dec. 1, 1998, Method and system for producing
high-quality, highly-personalized printed documents; Theodore F. Cyman,
Jr., et al., 707/517, 520, 539 [IMAGE AVAILABLE]